

In the Claims:

Please amend Claims 6-7, 14-23, 26-64, 66, 68, and 69, and add new Claims 71-73, all as shown below. The following list of claims replaces all prior versions of claims in the present application.

1. (Original) An air transporter-conditioner, comprising:
 - a housing having a first inlet and a second inlet and a first outlet and a second outlet;
 - a first ion generator, including a first electrode, and a second electrode, that creates an airflow in a downstream direction from said inlets to said first outlet and;
 - a second ion generator, including a first electrode, and a second electrode, that creates an airflow in a downstream direction from said inlets to said second outlet.
2. (Original) The air transporter-conditioner as recited in Claim 1, wherein the first electrode in said first ion generator and in said second ion generator includes at least one electrode with a characteristic selected from a group consisting of (i) a pin-shaped electrode that terminates in a pointed tip, (ii) a pin-shaped electrode that terminates in a plurality of individual fibers, (iii) a wire-shaped electrode, (iv) a curved wire-shaped electrode, (v) a coil-shaped electrode, and (vi) a flat coil-shaped wire.
3. (Original) The air transporter-conditioner as recited in Claim 1, wherein the second electrode in said first ion generator and in said second ion generator includes at least one electrode with a characteristic selected from a group consisting of (i) an electrode with a U-shaped cross-section, (ii) an electrode with an L-shaped cross-section, (iii) an electrode with a rod-shaped cross-section, (iv) a ring-shaped electrode, and (v) an electrode having a non-linear tail section.
4. (Original) The air transporter-conditioner as recited in claim 1, wherein said inlets are located on opposing surfaces of said housing.

1 5. (Original) The air transporter-conditioner as recited in claim 1, wherein said outlets are located
2 on opposing surfaces of said housing.

1 6. (Currently Once Amended) The air transporter-conditioner as recited in claim 1, including a
2 focus electrode located upstream from the first electrode of the first and second ion generators.

1 7. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 1, wherein
2 said outlets are covered with fins which are elongated between a top and a bottom of said housing.

1 8. (Original) The air transporter-conditioner as recited in claim 1, wherein said second electrode
2 in said first ion generator is located proximate to said first outlet; and
3 wherein said second electrode in said second ion generator is located proximate to said second
4 outlet.

1 9. (Original) The air transporter-conditioner as recited in claim 1, wherein said housing further has
2 a top surface, and control devices located on said top surface.

1 10. (Original) The air transporter-conditioner as recited in claim 1, wherein said housing has a top
2 surface and said second electrodes within said first and second ion generators are removable through
3 said top surface of said housing.

1 11. (Original) The air transporter-conditioner as recited in claim 1, wherein at least one of said first
2 and second ion generators further includes a trailing electrode located downstream of said second
3 electrode.

1 12. (Original) The air transporter-conditioner as recited in claim 11, wherein said trailing electrode
2 and at least one of said second electrodes of said first and second ion generators are electrically
3 connected.

1 13. (Original) The air transporter-conditioner as recited in claim 6, wherein said focus electrode is
2 electrically connected to at least one of said first electrodes within said first and second ion generator.

1 14. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 1 wherein
2 said housing has a top, a bottom and one or more sides, said housing has said first inlet located in said
3 top and said second inlet located in said bottom, and said housing has said outlets located in any of said
4 one or more said sides.

1 15. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 1 wherein
2 said inlets and said outlets are covered with fins and said fins are about parallel to each other.

1 16. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 1 wherein
2 said outlets are covered with fins and said second electrodes of said first and second ion generators
3 [includes] include fins and said fins that cover the outlets are about parallel to the fins of the second
4 electrodes.

1 17. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 16 wherein
2 said second electrode of said first ion generator is located adjacent to said first outlet, and said second
3 electrode of said second ion generator is located adjacent to said second outlet.

1 18. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 1 wherein a
2 downstream direction is defined from said first ion generator to said first outlet, and including a
3 germicidal device located upstream of said first ion generators.

1 19. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 1 wherein a
2 downstream direction is defined from said first ion generator to said first outlet, and a downstream
3 direction is also defined from said second ion generator to said second outlet, and including a germicidal
4 device located upstream of said first and second ion generators.

1 20. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 1 wherein
2 at least one of the second electrodes of the first and the second ion generator is Z-shaped.

1 21. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 1 wherein
2 at least one of the second electrodes of the first and the second ion generator has a tail section that is
3 wider than a nose section.

1 22. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 1 wherein
2 at least one of the second electrodes of the first and the second ion generator has a planar front section
3 and a tail section that is angled relative to said planar front section.

1 23. (Currently Once Amended) An air transporter-conditioner, comprising:
2 a housing, including a first inlet and a second inlet, and a first outlet and a second outlet
3 wherein the first and second inlets are configured non-parallel to the first and second outlet;
4 a first electrode assembly, including a first array of electrodes and a second array of
5 electrodes that creates an airflow in a downstream direction from said inlets to said first outlet; and
6 a second electrode assembly, including a first array of electrodes and a second array of
7 electrodes that create an airflow in a downstream direction from said inlets to said second outlet.

1 24. (Original) The air transporter-conditioner as recited in Claim 23, wherein the first array of
2 electrodes in said first electrode assembly and in said second electrode assembly includes at least one
3 electrode with a characteristic selected from a group consisting of (i) a pin- shaped electrode that

1 terminates in a pointed tip, (ii) a pin-shaped electrode that terminates in a plurality of individual fibers,
2 (iii) a wire-shaped electrode, (iv) a curved wire-shaped electrode, (v) a coil-shaped electrode, and (vi)
3 a flat coil-shaped wire.

1 25. (Original) The air transporter-conditioner as recited in Claim 23, wherein the second array of
2 electrodes in said first electrode assembly and in said second electrode assembly includes at least one
3 electrode with a characteristic selected from a group consisting of (i) an electrode with a U-shaped
4 cross-section, (ii) an electrode with an L-shaped cross-section, (iii) an electrode with a rod-shaped
5 cross-section, (iv) a ring-shaped electrode, and (v) an electrode having a non-linear tail section.

1 26. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 said first and second inlets are located on opposing surfaces of said housing.

1 27. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 said first and [said] second outlets are located on opposing surfaces of said housing.

1 28. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 a focus electrode located upstream from the first electrodes of said first and second electrode
3 assemblies.

1 29. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 said second array of electrodes in said first electrode assembly is located adjacent to the first outlet,
3 and the second array of electrodes in said second electrode assembly is located adjacent to the second
4 outlet.

1 30. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 housing further has a top surface, and a control device located on said top surface.

1 31. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 said housing has a top surface and said second array of electrodes from said first and second electrode
3 assemblies is removable from said housing through said top surface.

1 32. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 at least one of said first and second electrode assemblies further includes a trailing electrode located
3 downstream of said second array of electrodes.

1 33. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 32 wherein
2 said trailing electrode and said second electrodes are electrically connected.

1 34. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 28 wherein
2 said focus electrode is electrically connected to at least one of said first electrode arrays within said first
3 and second electrode assemblies.

1 35. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 said housing has a top, a bottom and one or more sides, said housing having said first inlet located in
3 said top and said second inlet located in said bottom, and said housing having said first and second
4 outlets located in any of said one or more sides.

1 36. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 said inlets and said outlets are covered with fins and said fins are about parallel to each other.

1 37. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 said outlets are covered with fins and said second electrodes of said first and second electrode
3 assemblies [includes] include fins and said fins that cover the outlets are about parallel to the fins of the
4 second electrodes.

1 38. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 said outlets are covered with fins which are elongated between a top and a bottom of said housing.

1 39. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 said second array of electrodes of said first electrode assembly are located adjacent to said first outlet
3 and said second array of electrodes of said second electrode assembly are located adjacent to said
4 second outlet.

1 40. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 a downstream direction is defined from said first electrode assembly to said first outlet, and including a
3 germicidal device located upstream of said first electrode assembly.

1 41. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 a downstream direction is defined from said first electrode assembly to said first outlet, and a
3 downstream direction is also defined from said second electrode assembly to said second outlet, and
4 including a germicidal device located upstream of said first and second electrode assemblies.

1 42. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 at least one of the second electrodes of the first and the second ion generator is Z-shaped.

1 43. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 at least one of the second electrodes of the first and the second electrode assemblies has a tail section
3 that is wider than a nose section.

1 44. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 23 wherein
2 at least one of the second electrodes of the first and the second electrode assemblies has a planar front
3 section and a tail section that is angled relative to said planar front section.

1 45. (Currently Once Amended) An air transporter-conditioner comprising:
2 a housing with a top, a bottom and at least one side surface located between the top and the
3 bottom;
4 said housing having a first inlet located in said top and a second inlet located in said bottom;
5 said housing having an outlet located in said side surface; and
6 an ion generator located in said housing that when energized [can create] creates a flow of air
7 from said inlets to said outlet.

1 46. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 45 wherein
2 the first inlet covers all of the top except for a top peripheral margin and said second inlet covers [use]
3 all of the bottom except for a bottom peripheral margin.

1 47. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 45 wherein
2 said outlet includes first and second outlets that are spaced apart and wherein said ion generator creates
3 a flow of air from said first and second inlets to said first outlet, and from said first and second inlets to
4 said second outlet.

1 48. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 45 wherein
2 said outlet includes first and second outlets, and said side surface of said housing has substantially
3 opposed first and second side surfaces with one of the said first and second outlets located on [each of
4 the] respective substantially opposed first and second side surfaces and wherein said ion generator
5 creates a flow of air from said first and second inlets to said first outlet, and from said first and second
6 inlets to said second outlet.

1 49. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 45 wherein
2 said inlets and said outlet are covered with fins and said fins are about parallel to each other.

1 50. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 45 wherein
2 said outlet is covered with fins and said ion generator includes collector electrodes located adjacent to
3 the outlet and said fins that cover the outlet are about parallel to the second electrodes.

1 51. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 45 wherein
2 a downstream direction is defined from said ion generator to said first outlet and to said second outlet
3 and including a germicidal device located upstream of said ion generator.

1 52. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 45 wherein
2 said ion generator includes a collector electrode and said collector electrode is Z-shaped.

1 53. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 45 wherein
2 said ion generator includes a collector electrode that has a tail section that is wider than a nose section.

1 54. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 45 wherein
2 said ion generator includes a collector electrode and said collector electrode has a leading planar
3 section and a trailing section that is at an angle to said leading planar section.

1 55. (Currently Once Amended) An air transporter-conditioner comprising:
2 a housing with a top[,] and a bottom; [and at least one side located between the top and the
3 bottom;]
4 said housing having a first inlet located in said top and a second inlet located in said bottom;
5 said [side] housing including first and second [opposed] side surfaces located between the top
6 and the bottom and said housing further including
7 a first outlet located in said first [opposed] side surface and a second outlet located in said
8 second opposed side surface; and

1 an ion generator located in said housing that, when energized, [can create] creates a flow of air
2 from said inlets to said outlets.

1 56. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 55 wherein
2 said first and second inlets are opposed and said first and second outlets are opposed.

1 57. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 55 including
2 a germicidal device located in said housing.

1 58. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 55 wherein
2 said germicidal device [can be removed] is removable through said side.

1 59. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 55 wherein
2 said ion generator includes a collector electrode [that can be removed] configured to be removable
3 through said top.

1 60. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 55 including
2 a control that is located on said top.

1 61. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 55 wherein
2 said first inlet covers substantially all of the top of said housing but for a peripheral margin.

1 62. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 55 wherein
2 said second inlet covers substantially all of said bottom of said housing but for a peripheral margin.

1 63. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 55 wherein
2 said first and second outlets are covered with fins and said ion generator includes collector electrodes

1 located adjacent to the first and the second outlets and said fins that cover the outlets are about parallel
2 to the second electrodes.

1 64. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 63 wherein
2 said first and second inlets are covered with fins that are parallel to the fins of the first and second
3 outlets.

1 65. (Original) An air transporter-conditioner, comprising:
2 a housing having at least two inlets and at least two outlets;
3 a first electrode assembly including a first array of electrodes and a second array of
4 electrodes, said first array having a rod-shaped electrode, said second array having two “U”-shaped
5 electrodes located adjacent to one of said outlet;
6 a second electrode assembly including a first array of electrodes and a second array of
7 electrodes, said first array having a rod-shaped electrode, said second array having two “U”-shaped
8 electrodes and located adjacent to the other of said outlets; and
9 a high voltage generator coupled between said first array of electrodes and said second
10 array of electrodes of each of said first and second electrode assembly.

1 66. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 65
2 including: a third focus electrode located between said first electrode assembly and said second
3 electrode assembly.

1 67. (Original) An air transporter-conditioner, comprising:
2 a housing having at least two inlets opposed to each other and at least two outlets
3 opposed to each other;
4 a first ion generator that creates an airflow from a first array of electrodes to a second
5 array of electrodes;

1 a second ion generator that creates an airflow from a first array of electrodes to a second
2 array of electrodes;
3 a focus electrode located between said first ion generator and said second ion generator;
4 and
5 a germicidal lamp exposing the airflow to germicidal radiation, disposed within the
6 housing so that the lamp is not visible to an individual looking into an inlet or an outlet; and
7 a shell for directing the germicidal light away from said inlets, said outlets, and said first
8 and second ion generator.

1 68. (Currently Once Amended) The air transporter-conditioner [of] as recited in claim 67,
2 comprising:

3 a first focus electrode located between said first ion generator and said second ion
4 generator; and
5 a second focus electrode located between said second ion generator and said germicidal
6 lamp.

1 69. (Currently Once Amended) An air transporter-conditioner, comprising:

2 a housing having at least two inlets and at least two outlets;
3 a first electrode assembly, disposed in said housing including a first electrode and a
4 second [[of]] electrode;
5 a second electrode assembly, disposed in said housing including a first electrode and a
6 second electrode; and
7 a third focus electrode, located between said first and second electrode assembly.

1 70. (Original) An air transporter-conditioner, comprising:

2 a housing having at least two inlets and at least two outlets;

1 a first ion generator that creates an airflow from a first array of electrodes to a second
2 array of electrodes;
3 a second ion generator that creates an airflow from a first array of electrodes to a second
4 array of electrodes;
5 a focus electrode located between said first ion generator and said second ion generator;
6 a first germicidal lamp exposing the airflow to germicidal radiation, located between said
7 focus electrode and said first ion generator; and
8 a second germicidal lamp exposing the airflow to germicidal radiation, located between
9 said focus electrode and said second ion generator.

1 71. (New) An air transporter-conditioner, comprising:

2 a housing having a first inlet and a second inlet and at least one outlet, wherein said first
3 and second inlets are configured substantially perpendicular to said outlet; and
4 an ion generator including a first electrode and a second electrode, wherein said first ion
5 generator creates an airflow in a downstream direction from said first and second inlets to said outlet.

1 72. (New) An air transporter-conditioner comprising:

2 a housing having a top, a bottom and at least one side;
3 a first inlet located in said top;
4 a second inlet located in said bottom;
5 a first outlet located in said side; and
6 a first ion generator configured to drive air along a shortest air flow path within said housing
7 from said first inlet and second inlet to said first outlet.

1 73. (New) An air transporter-conditioner, comprising:

2 a housing having at least two inlets opposed to each other and at least two outlets opposed to
3 each other;

1 a first ion generator within said housing, said first ion generator configured to create an airflow
2 from at least one of said inlets to at least one of said outlets; and
3 a second ion generator within said housing, said second ion generator configured to create an
4 airflow from at least one of said inlets to at least one of said outlets.